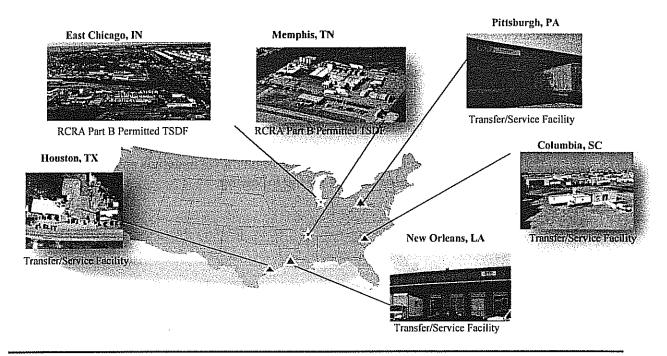
#### D.5 DISPOSAL FACILITIES



### EAST CHICAGO, INDIANA



Pollution Control Industries, Inc.

4343 Kennedy Avenue
East Chicago, IN 46312
Phone: (219) 397-3951
EPA ID #: IND000646943

EAST CHICAGO, INDIANA

TREATMENT PROCESSES: Fuel Blending, Solid Distillation, Liquid Distillation, Hazardous Waste Stabilization, Non-hazardous Waste Processing and Solidification, Labpack Consolidation.

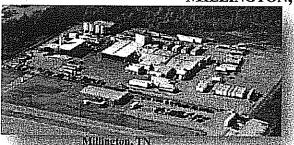
PCI began operations at the East Chicago, Indiana facility in 1986. The facility's property sits on approximately 12 acres in a heavy industrial section of East Chicago and is approximately 20 miles south of downtown Chicago, Illinois. PCI's neighbors include a commercial gas manufacturer, a rail-yard, and a vacant aluminum smelting facility. The closest water stream is the Indiana Harbor Canal, which is approximately 2,700 feet west of the facility. The facility is not located within a one hundred year flood plain. The majority of the property is dedicated to serving PCI's waste management operations. Also located on the facility's property is a rail-line that accommodates up to ten rail cars. The Elgin, Joliet, and Eastern Rail Company serve PCI's rail operation. EPA Region V and the Indiana Department of Environmental

Management (IDEM) originally issued the Part B RCRA permit in 1991. PCI renewed the permit on November 10, 1999, and again on August, 31, 2006 (permit expires September 20, 2011). The facility currently has storage capacity for up to 4,508 "55-gallon drum equivalent" containers of hazardous waste. With the issuance of the renewed permit, permitted drum capacity increases to 11,000 drums. PCI's operation includes a 165,000-gallon tank farm, a newly redesigned state-of-the-art lab pack/depack facility, a drum consolidation and handling building, and a non-hazardous processing building with 45,327 gallons of bulk treatment capacity. The company's laboratory and receiving area are capable of accepting and analyzing up to 2,000 drums per day. The Part B facility has the capability of receiving up to 30,000 drums per month. PCI recently acquired an adjacent 8-acre site, which serves as a transfer yard for incoming and outgoing waste and potential expansion of the East Chicago operations.

In July of 2004, PCI added a new capability to its range of services called SDS or Solid Distillation System. Before the SDS, the materials processed through PCI's facilities had to be sent off-site for final recycling or disposal. Now, SDS allows PCI to process and recycle waste materials on-site. The process is unique because unlike other thermal processes, the material never contacts the heat source. It is baked rather than burned and the baking drives off volatile and semi-volatile organics that are reclaimed and recycled. IDEM has designated the SDS as a recycling process and therefore all materials it processes receive a Certificate of Recycling. The SDS is capable of processing 123,000 drums annually and holding 88,000 gallons of liquid storage.

PCI's main sales, customer service, administrative, and corporate functions are managed from the East Chicago location. The East Chicago and Memphis facilities, as well as the company's satellite offices, are connected with a computer network and state-of-the-art inventory management system to streamline communications for customer service, waste movement, and waste management operations. PCI has developed specific programs to meet the operations' growing needs. The programs also support the administrative and regulatory conditions needed to accommodate a changing and ever more demanding regulated industry. Personnel are fully supported with computer-based programs that enhance their departmental responsibility to the operations. Customer information, profiles, and shipping documents are entered into the computer system to generate PCI's operating records. PCI will continue with its efforts and research into future developments of computer based technology.

# MILLINGTON, TENNESSEE



Pollution Control Industries of TN, L.L.C.

5485 Victory Lane Millington, TN 38053

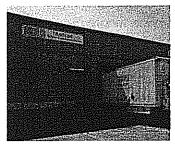
Phone: (901) 353-5291 **EPA ID #: TND000772186** 

**TREATMENT PROCESSES:** Fuel Blending, Hazardous Waste Stabilization, Non-hazardous Waste Processing and Solidification.

In April 1998, Pollution Control Industries of Tennessee, L.L.C. commenced operations in Millington, Tennessee. The facility is the only full-service TSD facility built in the U.S. within the last decade. The Millington facility is regulated by the Tennessee Department of Environment and Conservation (TDEC) and the U.S. E.P.A. and is zoned for heavy industry. PCI-Memphis' Part B Permit was renewed for 10 years in October 2000 (expires October 16, 2010). The TSD facility consists of 40,000 square feet of operations and is permitted to store up to 9,748 "55-gallon drum equivalents" on-site.

The Millington permit operational capacities allow this site to accept and process the same types and similar quantities of waste that are handled at the East Chicago, Indiana facility. The Millington facility operations include a single stage shredding tower capable of handling 450 drums per day of hazardous waste, an 80,000-gallon tank farm, and a stabilization process for hazardous wastes and a solidification process for non-hazardous wastes. In addition to the processing areas, the Millington facility features a well-equipped laboratory, receiving and loading docks, and buildings for indoor storage.

PCI continues to upgrade the Memphis facility. A State of the art laboratory has recently been added to further aid in the analysis and testing of waste samples, resulting in faster drum processing and quicker test results back to clients. PCI also recently completed the reconstruction and reconfiguration of its stabilization and non-hazardous processing area. Looking to the future, PCI-Millington has permitted approval to build and operate a SDS unit. PCI employs approximately 350 people between the two facilities.



KANSAS 555 Stanley Road Kansas City, KS 913-219-4680

# 10 Day/Transfer Facilities

In addition to the two fully permitted Part B treatment, storage, and disposal facilities, there is a Service Center/10 Day Transfer Facility in Kansas City, KS that will serve as the primary service facility in the contract. The labpack team and the support staff of this office are fully trained and capable of taking up the task of servicing the States hazardous waste disposal needs. Furthermore, to serve our clients more efficiently, there are over 25 sales offices conveniently located across the country.

CLEAN HARBORS

(870) 863-7173

ARD069748192

309 American Circle.

El Dorado, AR 71730

Other than PCI's 2 main TSDFs already described, the waste generated from any State of Missouri project may be sent for final disposal at any of these authorized facilities listed below.

FACILITY:

ADDRESS:

Phone:

EPA ID#

For RCRA Incineration:

FACILITY: Ross Incineration Services

ADDRESS: 36790 Giles Road

Grafton, OH 71730

**PHONE:** (440) 748-5800

**EPA ID**# OHD048415665

**FACILITY:** HERITAGE-WTI, INC. **ADDRESS:** 1250 St. George St.

East Liverpool, OH 43920

**PHONE:** (800) 837-7401

**EPA ID** # OHD980613541

Ross incineration is located in north central Ohio and is a RCRA permitted subpart O incinerator. They are capable of handling a wide variety of drummed and bulk, hazardous waste solids and liquids. PCI ships them a bulk solids stream as well as drummed waste.

Clean Harbors facility in El Dorado AR is a RCRA permitted subpart O incinerator located in southwestern AR. They handle a wide variety of drummed and bulk, solid and liquid waste streams. PCI ships them a wide variety of drummed waste including lab packs, reactive, aerosols and bulk drum wastes.

Heritage- WTI's facility is located in East Liverpool, OH and is a subpart) incinerator. Their versatility in handling waste makes them a good choice as a 3<sup>rd</sup> party disposal service. PCI ships them a bulk solids stream as well as drummed waste.

Mercury and Lamp Recycling

FACILITY: MERCURY WASTE SOLUTIONS FACILITY: HRT –GROUP ADDRESS: 21211 Durand Avenue ADDRESS: P.O. Box 185

Union Grove, WI Lake Ozark, MO

PHONE: (262) 878-2599 Phone: 888.537.4874 EPA ID # WIR000000356 EPA ID # MOR000504456

Mercury Waste Solutions is a mercury retort facility and a mercury bulb processing facility. Any mercury waste destined for retorting will be transshipped via PCI East Chicago to Mercury

Waste Solutions for final processing.

HRT-Group is a mercury bulb processing facility located in Eastern MO. Bulbs will be crushed,

HRT-Group is a mercury bulb processing facility located in Eastern MO. Bulbs will be crushed, glass, metal end caps and phosphor powder separated and each sent for recycling. Both East Chicago and Millington utilize this facility.

Stabilization and Hazardous Landfill

FACILITY:

STABLEX, CANADA

760 Industrial Blvd.

FACILITY: EQ-BELLEVILLE ADDRESS: 49350 North I-94 Service Drive

ADDRESS:

BLAINEVILLE, QUEBEC

Belleville, MI

PHONE:

(614) 252-7999

Phone:

(734) 697-2983

EPA ID#

NYD980756415

EPA ID#

MID000724831

FACILITY:

WASTE MANAGEMENT

ADDRESS:

36964 Highway 17 North, Mile Marker 163

EMELLE, AL

Phone:

(800) 963-4776

EPA ID#

ALD000622464

Stablex located near Montreal, Quebec, Canada is a secure hazardous waste landfill specializing in treating inorganic wastes. They use a proprietary stabilization method to bind metals contaminated inorganic wastes in a cement like mixture. They also perform cyanide destruction, oxidation reductions and neutralization of concentrated acids and bases. We are planning on utilizing Stablex for mercury wastes that are suitable for landfill.

EO (Michigan Disposal Waste Treatment Plant) located in Belleville MI is a RCRA subpart B permitted treatment facility. Their capabilities include, metals stabilization, microencapsulation, chemical oxidation, and landfill.

Waste Management In Emelle, AL is a RCRA subpart B permitted facility. Their capabilities include TSCA landfill disposal, RCRA landfill, including treatment, solidification, decharacterization, and stabilization.

# Cylinder Recycling

FACILITY:

**HUDSON TECHNOLOGIES** 

FACILITY: IES RECYCLING

ADDRESS:

3402 North Mattis Avenue

ADDRESS: 1445 Marietta Boulevard

CHAMPAIGN IL

ATLANTA, GA

PHONE:

(217) 373-1414

(404) 693-8389 PHONE:

EPA ID#

ILD984919688

EPAID# N/A

Hudson Technologies is a CFC recycler located in east central IL. They operate as a recycler of Freon and are not a RCRA permitted facility.

IES Recycling is a cylinder recycler located in Atlanta, Ga. They specialize in recycling the cylinder carcass and content, assuming adequacy of quality, quantity and demand. These materials are then placed back into beneficial use. It is not a RCRA permitted facility.

### **PCB** Incineration

FACILITY:

VEOLIA ENVIRONMENTAL SERVICES LLC

ADDRESS:

Highway 73

PORT ARTHUR, TX

PHONE: 1

(281) 628-3414

EPA ID#

TXD 000838896

Veolia Environmental in Port Arthur, TX is PCI disposal site of choice for any PCBs that may be collected.

OR

Landfill

FACILITY:

BFI NORTH SHELBY LANDFILL

FACILITY: RIVER BEND PRAIRIE LANDFILL

ADDRESS:

7111 Old Millington Road

ADDRESS: 801 East 138th Street

MILLINGTON, TN

DOLTON, IL

PHONES:

(901) 794-3800

**Phones:** 

773-264-8508

EPA ID#

NA

EPA ID#

NA

BFI North Shelby in Millington TN and River Bend Prairie Landfill Dolton, IL (owned by Land and Lakes) are both subtitle D solid waste landfills that handle bulk solids. There is not anticipated to be any significant amount of VA waste shipping to non hazardous landfill.

### Battery Recycling

FACILITY: INMETCO

FACILITY: EXIDE

ADDRESS: One Inmetco Drive

ADDRESS: 2601 W. Mount Pleasant Blvd.

ELWOOD CITY PA

MUNCIE IN

Phone:

724-758-5515

(765) 747-9980 Phone:

**EPA ID#** PAD087561015

EPA ID# IND000717959

INMETCO is a nickel smelting company and processes nicad and alkaline batteries for metals recovery. They also recover chrome form chromic acid and other chrome bearing streams. INMETCO also processes Lithium batteries.

EXIDE is a lead smelter and lead acid battery producer. They handle lead acid batteries and lead scrap. They recover the lead, treat the acid and separate and recycle the plastic casing. They also process other lead scrap for lead recovery.



<u>Kilns</u>

FACILITY: ESSROC MATERIALS, INC. FACILITY: LONESTAR ALTERNATIVE FUELS
ADDRESS: 3084 W County Road 225 South ADDRESS: 2524 South Spring Street

LOGANSPORT, IN CAPE GIRARDEAU, MO

PHONE: (574) 753-5121 PHONE: (573) 335-8878
EPA ID # IND005081542 EPA ID # MOD981127319

ESSROC Materials Inc in Logansport IN is a RCRA permitted cement kiln that burns bulk hazardous waste derived fuel for energy recovery. ESSROC is utilized by our East Chicago facility for fuel disposal.

Lone Star Alternate Fuels in Cape Girardeau MO is a RCRA permitted cement kiln that burns bulk hazardous waste derived fuel for energy recovery. Lone Star is utilized by PCI's Millington TN facility for their fuel disposal.

#### Waste to Energy

FACILITY: COVANTA ENERGY FACILITY: COVANTA ENERGY

ADDRESS: 2320 South Harding Street ADDRESS: 100 Energy Blvd. at 56th Street

Indianapolis IN Niagara Falls, NY

**PHONE:** (317) 634-7367 **PHONE:** (716) 278-8500

Covanta Energy is a waste to energy company with over 30 plants. They burn municipal and non hazardous industrial wastes. The heat from this process is used to generate steam that run steam turbines creating electricity. Covanta handles a variety of bulk solids and wastes in combustible container.

#### Aerosol Processing

FACILITY: CRI ENVIRONNMENT, INC

**Address:** 75 Rue du Progrès

Coteau-du-Lac, Quebec, Canada

**PHONE:** (450) 763-5541

**EPA ID** # 1144100543 (PROVINCIAL)

CRI is Quebec based environmental company that specializes in aerosol processing and destruction.